



Philips Econova
Eco Smart LED TV with
Pixel Plus HD

117 cm (46")

Full HD 1080p DVB-T/C



46PFL6806H

Designed with the future in mind

Energy class A++

Awarded as the European Green TV 2011-2012 by EISA, the Philips Econova 46PFL6806 ECO Smart LED TV has clear, vivid Full HD pictures and authentic sound. With Smart TV, you can easily surf the internet and download movies.

Your entertainment in brilliant detail

- Full HD TV with Pixel Plus HD for better details and clarity
- Brilliant LED images with incredible contrast
- 400Hz Perfect Motion Rate (PMR) for superb motion sharpness

Enjoy the online world with Smart TV

- A wealth of online apps, videos to rent and catch-up TV
- Control the TV with your smart phone, tablet or keyboard
- With DLNA, enjoy photos, music and movies on your TV
- Find, schedule, record & pause TV
- Wi-Fi Ready to use Net TV Apps and SimplyShare wirelessly

Greener every day

- Zero power consumption at a flick of the 0 Watt hard switch
- 2-in-1 stand for easy use on table and a wallmount
- Solar rechargeable remote means never replace batteries
- Energy Class A++



PHILIPS
sense and simplicity

Highlights

Pixel Plus HD

Pixel Plus HD offers the unique combination of ultimate sharpness, natural detail, vivid colors and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Artifacts and noise in all sources from multimedia to standard definition TV and also in highly compressed HD are detected and reduced, ensuring that the picture is clear and razor sharp.

Full HD LED TV

The most advanced LED lighting technology in this Full HD LED TV combines an eye-catching minimalistic design with stunning image quality as well as the lowest power consumption in its category. On top of that, LED lighting technology does not contain any hazardous materials. Thus, with LED backlight you can enjoy low power consumption, high brightness, incredible contrast, sharpness and vibrant colors.

400Hz Perfect Motion Rate

400Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard shows the combined visible effect of the fastest panel refresh rate, HD Natural Motion and unique processing formula, for unprecedented motion sharpness

Zero Watt power switch

Zero power consumption at a flick of the 0 Watt hard switch

2-in-1 stand



This TV comes with a revolutionary table top stand that can also be used to wall-mount your

television. There is no need to buy additional wall-mount brackets. The environment benefits even more because an unnecessary source of waste is eliminated as you do not need to discard any parts.

Solar powered remote control



With this Solar powered rechargeable remote you never need to replace or dispose of batteries again. Designed for maximum sustainability the solar cell will recharge the remote from freely available source of energy: daylight. And even in darker winter times there is no need to worry. The built in accumulator has a significant energy reserve to keep the RC going, and keep you in control!

100% recyclable packaging

100% recyclable packaging for lowest environmental impact. A lot of detail and breakthrough innovation went in the design of this packaging. By eliminating polystyrene buffers, this TV makes yet another contribution to a more sustainable environment. In a highly innovative development for this size of TV it uses only paper and cardboard, so the complete packaging can easily be recycled.



Energy Class A ++

EU Energy Label

For many years Philips has pro-actively been working on the reduction of both on-mode and standby power consumption of its televisions and as a result most Philips televisions have achieved green EU energy labels in 2011. The greener the label, the lower the on-mode power consumption and the lower your energy bill and friendlier to the environment.



Smart TV

Smart TV for an easier TV experience in 4 areas. Net TV lets you rent movies, watch catch-up TV and enjoy social media. Control your TV with your Smartphone or tablet. Use SimplyShare to enjoy multimedia content from your computer, phone & tablet on your TV. Record your TV programs easily without additional bulky devices.



European Green TV

EISA European Green TV

This TV has been awarded the European Best Green TV by EISA because of the television's high energy efficiency, usage of post recycled plastics and solar powered remote control.

Specifications

Picture/Display

- Display: edge LED backlight
- Diagonal screen size: 46 inch / 117 cm
- Panel resolution: 1920x1080p
- Aspect ratio: 16:9
- Peak Luminance ratio: 65 %
- Dynamic screen contrast: 500,000 : 1
- Response time (typical): 2 ms
- Picture enhancement: Pixel Plus HD, HD Natural Motion, Active Control + Light sensor, Super Resolution, 400 Hz Perfect Motion Rate

Sound

- Output power (RMS): 28W (2 x 14W)
- Sound Enhancement: AmbiWOOx, Auto Volume Leveller, Clear Sound, Incredible Surround, Treble and Bass Control

Smart TV Applications

- Control: MyRemote app (iOS & Android), USB Keyboard & Mouse support
- SimplyShare: DLNA media browser, USB media browser
- Net TV: Catch-up TV, Online Video stores, Open Internet browser, Online apps
- Program: Pause TV, USB recording

Connectivity

- Number of HDMI connections: 3
- HDMI features: Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Plug & play add to Homescreen, Auto subtitle shift (Philips), Pixel Plus link (Philips), One touch play
- Number of component in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 1
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, SD card slot (Videostore), Digital audio out (coaxial), PC-in VGA + Audio L/R in, Headphone out, Service connector
- Wireless connections: Wireless LAN ready

Multimedia Applications

- Video Playback Formats: Codec support:, Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1
- Music Playback Formats: AAC, MP3, WMA (v2 up

- to v9.2)
- Picture Playback Formats: JPEG
- Net TV: Included

Supported Display Resolution

- Computer inputs: up to 1920x1080 @ 60Hz
- Video inputs: 24, 25, 30, 50, 60 Hz, up to 1920x1080p

Convenience

- PC network link: DLNA 1.5 certified
- Electronic Program Guide: 8day Electronic Program Guide*
- Ease of Installation: Auto detect Philips devices, Channel installation wizard, Device connection wizard, Network installation wizard, Settings assistant wizard, 2-in-1 Wallmount Stand
- Ease of Use: One-stop Home button, Onscreen Usermanual, Touch control buttons
- Screen Format Adjustments: Autofill, Autozoom, Movie expand 16:9, Super Zoom, Unscaled, Widescreen
- Signal strength indication
- Teletext: 1200 page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade

Tuner/Reception/Transmission

- Digital TV: DVB-C MPEG2*, DVB-C MPEG4*, DVB-T MPEG2*, DVB-T MPEG4*
- Video Playback: NTSC, PAL, SECAM

Power

- Mains power: 220-240V~; 50-60Hz
- Ambient temperature: 5 °C to 40 °C
- Energy Label Class: A++
- Eu Energy Label power: 45.5 W
- Annual energy consumption: 63.1 kW h
- Standby power consumption: < 0.15 W
- Power Saving Features: 0 Watt Power-off switch, Auto switch-off timer, Eco mode, Eco settings menu, Light sensor, Picture mute (for radio)
- Presence of lead: Yes*
- Off mode power consumption: < 0.01 W

Dimensions

- Box dimensions (W x H x D): 1324 x 773 x 198 mm

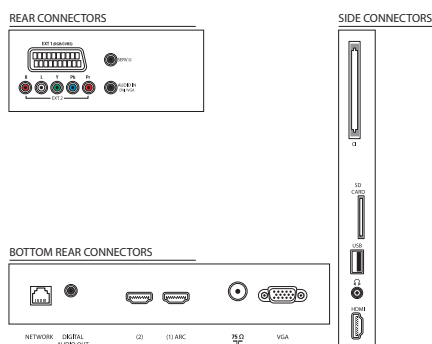
- Set dimensions (W x H x D): 1081 x 653 x 39.9 mm
- Set dimensions with stand (W x H x D): 1081 x 705 x 265 mm
- Product weight: 16.4 kg
- Product weight (+stand): 20 kg
- Compatible wall mount: 400 x 400mm

Accessories

- Included accessories: Power cord, Solar powered remote control, Quick start guide, Legal and safety brochure, Warranty Leaflet, Charging cable USB A > Micro-B
- Optional accessories: Wireless USB adaptor (PTA01), Philips Wall Mount SQM 6375, Philips Wall Mount SQM 6485

Sustainability

- Energy Efficiency: Ambient light sensor, Energy saving options, Lowest power in Ultra-thin TVs, Solar rechargeable Remote, Low power LED display, 60% less power vs LCD/CCFL
- Material: 2 in 1 Stand avoids waste, Minimal component Architecture, Minimal industrial metal waste, Minimized internal cable
- Packaging: 100% paper monomaterials, Full cardboard cushions, Minimized dimensions
- Recycling and disposal: Designed for disassembly, Highest % recyclable content, packaging materials 100% paper
- Removal hazardous substances: Full Halogen & PVC free design
- User manual: 28 languages E-user manual, Integrated E- user manual, No paper user manual



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* Net TV: Visit www.philips.com/smarttv to discover the services offering in your country.

* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.

* 8 days EPG, service not available in all countries

* Annual energy consumption is calculated using the typical power consumption 4 hours per day, 365 days per year.

* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.